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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/055,333

01/23/2002

Parag M. Doshi

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10/18/2005

Docket Administrator (Room 3J-219)
Lucent Technologies Inc.
101 Crawfords Corner Road
Holmdel, NJ 07733-3030

EXAMINER

GREY, CHRISTOPHER P

ART UNIT

PAPER NUMBER

2667

DATE MAILED: 10/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/055,333

Applicant(s)

DOSHI ET AL.

Examiner

Christopher P. Grey

Art Unit

2667

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 January 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Drawings

1. The drawings are objected to because: Figs 1, 2 and 6 are hand written.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gallant et al. (US 20040258239), hereinafter referred to as Gallant, in view of Tomoike (US 2001/0055285)

Claim 1, 12 Gallant discloses querying a unified location management device having location information stored therein for users of different network protocols (paragraph 0017, 0030, 0032, 0036);

Gallant discloses selecting the gateway based on the location information provided (paragraph 0049).

Gallant does not disclose relaying mobile user location related information from the unified location manager regarding a user of the first and second network.

Tomoike discloses relaying mobile user location related information from the unified location manager regarding a user of the first and second network (paragraph 0077-0082).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to connect or combine the HLR as disclosed by Tomoike, to or within the server as disclosed by Gallant. The motivation for this combination is to maintain location information and assist in selecting a gateway (paragraph 0082)

Claim 2, 13, 22 The applicant already discloses within the background of the invention the step of selecting is optimized by providing a selection that minimizes triangle routing, minimizes a PSTN call leg and minimizes an Internet call leg (page 1 lines 15-23).

Claim 3, 14, 23 The applicant already discloses within the background of the invention the selection is optimized by selecting a gateway that minimizes a circuit switched portion of a call (page 1 lines 15-23).

Claim 4, 7, 9, 15, 19, 24, 28 Gallant does not specifically disclose the location related information is used to assign a location dependent routable temporary telephone number for use in the gateway selection.

Tomoike discloses the location related information is used to assign a location dependent routable temporary telephone number for use in the gateway selection (paragraph 0075 and 0077).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to combine the multimedia switching center as disclosed by Tomoike within the server as disclosed by Gallant in order to register a temporary user ID.

Claim 5, 16, 25 Gallant discloses for an Internet telephony call to a mobile user, the unified location manager operates as an inbound proxy for a given domain (paragraph 0030).

Claim 6, 17, 26 Gallant discloses the mobile location information can correspond to an Internet telephony user (paragraph 0015 and 0037 and see *Tomoike 0062*).

Claim 8, 18, 27 Gallant discloses the unified location manager is operable as a home location register for cellular networks and as a user registration and address resolution device for Internet telephony networks (paragraph 0030). It would have been obvious to one of the ordinary skill in the art at the time of the invention that the server is capable of managing gateway resources, and would therefore be capable of managing user information given that the combination as disclosed in the rejection of claim 1 holds true.

Claim 10, 20, 29 Gallant discloses one of the first and second networks is circuit switched network and one of the first and second networks is an internet telephony network (paragraph 0007)

Claim 11, 30 Gallant discloses the plurality of network protocols comprises at least two of ANSI-41, GSM, MAP, SIP, H.323 (claims 31 and 32).

Claim 21 Gallant discloses a data server, NMS and RS for storing location and service profile data for multiple differing technologies (paragraph 0017, 0030, 0032, 0036);

Gallant discloses at least two network protocol gateways (paragraph 0030)

The combined teachings of Gallant and Ress do not specifically disclose gateway translating incoming location information request into a protocol independent format and a processor for interfacing between said data server and the protocol gateways, wherein mobile user location information can be provided by the apparatus for use in the selection of the gateway.

Tomoike discloses the gateway translating incoming location information request into a protocol independent format (paragraph 0011-0013).

Tomoike discloses a processor (element 17) for interfacing between said data server and the protocol gateways, wherein mobile user location information is able to be provided by the apparatus for use in the selection of the gateway (paragraph 0071, 0077, 0082, 0083 see fig 3 element 19).

It would have been obvious to one of the ordinary skill in the art at the time of the invention that any gateway may be employed to translate information into a protocol independent form, which is inherent in the art. Furthermore, it would have been obvious to one of the ordinary skill in the art at the time of the invention to combine the GMMS as disclosed by Tomoike to interface between the server and gateways as disclosed by Gallant. The motivation for this modification is to register and activate an address (paragraph 0083).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

(a) Ress et al. (US 6885658) discloses gateway translating information into a protocol independent format.

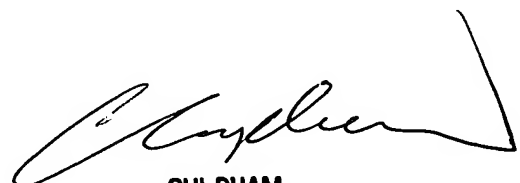
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher P. Grey whose telephone number is (571)272-3160. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on (571)272-3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Christopher Grey
Examiner
Art Unit 2667

C. Grey
Oct 14, 2005


CHI PHAM
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2667 *10/17/05*